CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.14/CSR-02/261d/Cube/2016-17 14.03.201

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC roads and drains 11th Cross near Govt. Higher primary school Bhuvaneshwari Nagara Bagalagunte in Ward No.14, BBMP, Bangalore
* Reference	:	EE/DD/W.O/116/2016-17 Dated: 28.01.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	14.03.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.02.2017	14.03.2017	8.125	485.3	21.57
2	14.02.2017	14.03.2017	8.229	492.8	21.90
3	14.02.2017	14.03.2017	8.305	506.5	22.51

*Information is furnished by the Customer/Representative.

Note:

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⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.

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Technical Manager

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CIVIL-TECH CONSULTANTS AND ENGINEERS

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T-23

Job No.: CTCE/BBMP/KRIDL/W.No.14/CSR-02/261d/Cube/2016-17 14.03.2

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC roads and drains 11th Cross near Govt. Higher prima school Bhuvaneshwari Nagara Bagalagunte in Ward No.14, BBMP, Bangalo
* Reference	:	EE/DD/W.O/116/2016-17 Dated: 28.01.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	14.03.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm
1	14.02.2017	14.03.2017	8.122	475.5	21.13
2	14.02.2017	14.03.2017	8.235	490.6	21.80
3	14.02.2017	14.03.2017	8.305	512.3	22.77

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T-2

Job No.: CTCE/BBMP/KRIDL/W.No.14/CSR-02/261d/Cube/2016-17 16.03

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalo
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC roads and drains 11th Cross near Govt. Higher prim school Bhuvaneshwari Nagara Bagalagunte in Ward No.14, BBMP, Banga
* Reference	:	EE/DD/W.O/116/2016-17 Dated: 28.01.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/m
1	16.02.2017	16.03.2017	8.225	475.5	21.13
2	16.02.2017	16.03.2017	8.305	493.6	21.94
3	16.02.2017	16.03.2017	8.405	505.6	22.47

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CIVIL-TECH CONSULTANTS AND ENGINEERS

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T-237

Job No.: CTCE/BBMP/KRIDL/W.No.14/CSR-02/261d/Cube/2016-17 16.03.20

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC roads and drains 11th Cross near Govt. Higher primary school Bhuvaneshwari Nagara Bagalagunte in Ward No.14, BBMP, Bangalor
* Reference	:	EE/DD/W.O/116/2016-17 Dated: 28.01.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	16.03.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.02.2017	16.03.2017	8.105	475.5	21.13
2	16.02.2017	16.03.2017	8.298	490.3	21.79
3	16.02.2017	16.03.2017	8.365	508.9	22.62

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T-2

Job No.: CTCE/BBMP/KRIDL/W.No.14/CSR-02/261d/Cube/2016-17 23.03.

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalor
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Improvements to CC roads and drains 11th Cross near Govt. Higher prim school Bhuvaneshwari Nagara Bagalagunte in Ward No.14, BBMP, Bangal
* Reference	:	EE/DD/W.O/116/2016-17 Dated: 28.01.2017
* Sample ID	:	Drain Covering Slab Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	23.03.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm
1	23.02.2017	23.03.2017	8.123	475.5	21.13
2	23.02.2017	23.03.2017	8.229	490.8	21.81
3	23.02.2017	23.03.2017	8.375	508.7	22.61

*Information is furnished by the Customer/Representative.

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	23.03.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm
1	23.02.2017	23.03.2017	8.123	475.5	21.13
2	23.02.2017	23.03.2017	8.229	490.8	21.81
3	23.02.2017	23.03.2017	8.375	508.7	22.61

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